

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|  |   |    |   |                        |                 |
|--|---|----|---|------------------------|-----------------|
| Substituted for form 1449A/PTO<br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(Use as many sheets as necessary)</i> |   |    |   | Complete if Known      |                 |
| Sheet  | 1 | of | 3 | Application Number     | 10/830,211      |
|  |   |    |   | Filing Date            | April 21, 2004  |
|  |   |    |   | First Named Inventor   | Fei Ge          |
|  |   |    |   | Art Unit               | 2168            |
|  |   |    |   | Examiner Name          | Morrison, Jay A |
|  |   |    |   | Attorney Docket Number | 50277-2433      |

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

| Examiner's Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns,<br>Lines,<br>Where Relevant<br>Passages<br>or Relevant Figures<br>Appear | T <sup>6</sup> |
|----------------------|-----------------------|---|--------------------------------|--|--|----------------|
|                      |                       | Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known) |                                |  |  |                |
|                      |                       | WO 01/42881 A2  | 06-14-2001                     | B-BOP Associates INC                               |  |                |
|                      |                       | WO 01/61566 A1  | 08-23-2001                     | Verizon laboratories Inc.                          |  |                |
|                      |                       | WO 01/59602 A1  | 08-16-2001                     | ACTA Technologies, Inc.                            |  |                |
|                      |                       | WO 00/49533 A2  | 08-24-2000                     | Oracle Corporation                                 |  |                |
|                      |                       | WO 03/027908 A2   | 04-03-2003                     | Oracle International Corporation                   |  |                |
|                      |                       | WO 97/46956   | 12-11-1997                     | AT & T Corp.                                       |  |                |
|                      |                       | WO 00/14632   | 03-16-2000                     | Metaphorics, LLC                                   |  |                |
|                      |                       | WO 03107576   | 12-24-2003                     | CERISENT CORPORATION                               |  |                |
|                      |                       | WO 2006026534   | 03-09-2006                     | YAHOO! INC.  |  |                |

|                       |                |                    |            |
|-----------------------|----------------|--------------------|------------|
| Examiner<br>Signature | /Jay Morrison/ | Date<br>Considered | 03/08/2010 |
|-----------------------|----------------|--------------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

|                        |                 |
|------------------------|-----------------|
| Application Number     | 10/830,211      |
| Filing Date            | April 21, 2004  |
| First Named Inventor   | Fei Ge          |
| Art Unit               | 2168            |
| Examiner Name          | Morrison, Jay A |
| Attorney Docket Number | 50277-2433      |

Sheet 2

OF 3

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|-----------------------|---|----------------|
|                    |                       | ZHANG, XIN et al., "Honey, I Shrank the XQuery! - An XML Algebra Optimization Approach," Submission for WIDM'02, IEEE XP-002316448, <del>14 pages</del> , 2002, 14 pages.   | J.M./          |
|                    |                       | ZISMAN et al., "Using XML to Build Consistency Rules for Distributed Specifications," Proceedings of the Tenth International Workshop on Software Specification and Design (IWSD'00), IEEE 2000, 8 pages.   |                |
|                    |                       | HIGGINS, SHELLE, Oracle Corporation, "Oracle9i, Application Developer's Guide - XML," Release 1 (9.0.1), June 2001, Part No. A88894-01, pp. 1-1,362. (split up into five parts)   |                |
|                    |                       | HIGGINS, SHELLEY, Oracle Corporation, "Oracle9i, Case Studies - XML Applications," Release 1 (9.0.1), June 2001, Part No. A88895-01, pp. 1-462.   |                |
|                    |                       | W3C, "XML Schema Part 1: Structures," W3C Recommendation, 2 May 2001, <a href="http://www.w3.org/TR/2001/REC-xmlschema-1-20010502/">http://www.w3.org/TR/2001/REC-xmlschema-1-20010502/</a> , pp. 1-203.  |                |
|                    |                       | W3C, "XML Schema Part 2: Datatypes," W3C Recommendation, 2 May 2001, <a href="http://www.w3.org/TR/2001/REC-xmlschema-2-20010502/">http://www.w3.org/TR/2001/REC-xmlschema-2-20010502/</a> , pp. 1-146  |                |
|                    |                       | ORACLE, "Oracle9i Application Server, Administrator's Guide," Release 2 (9.0.2), May 2002, Part No. A92171-02, Part No. A92171-02, pp. 1-392 (submitted in two parts).  |                |

Examiner  
Signature

/Jay Morrison/

Date  
Considered

03/08/2010

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Customer Ref. No.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

|                        |                 |
|------------------------|-----------------|
| Application Number     | 10/830,211      |
| Filing Date            | April 21, 2004  |
| First Named Inventor   | Fei Ge          |
| Art Unit               | 2168            |
| Examiner Name          | Morrison, Jay A |
| Attorney Docket Number | 50277-2433      |

Sheet 3 OF 3

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.                   | T <sup>2</sup> |
|--------------------|-----------------------|---|----------------|
|                    |                       | W3C, "XML Syntax for XQuery 1.0 (XQueryX)," W3C Recommendation, Working Draft, December 19, 2003, retrieved from the internet:< <a href="http://www.w3.org/TR/2003/WD-xquery-20031219">http://www.w3.org/TR/2003/WD-xquery-20031219</a> >, retrieved on April 14, 2005, pp. 1-55. |                |
|                    |                       | W3C, "XQuery 1.0 and XPath 2.0 Data Model," W3C Working Draft dated April 4, 2005, 91 pages.  |                |
|                    |                       | W3C, "XQuery 1.0: An XML Query Language," W3C Recommendation, Working Draft, October 29, 2004, retrieved from the internet:< <a href="http://www.w3.org/TR/2004/WD-xquery-20041029">http://www.w3.org/TR/2004/WD-xquery-20041029</a> >, retrieved on April 14, 2005, pp. 1-189.   |                |
|                    |                       | W3C, "XQuery 1.0: An XML Query Language," W3C Working Draft dated April 4, 2005, 170 pages  |                |
|                    |                       | WALLACH, DEBORAH A. et al., "ASHs: Application-specific handlers for high-performance messaging" (1996) ACM Press, pages 1-13.  |                |
|                    |                       | YOSHIKAWA, MASATOSHI et al., "XRel: A Path-Based Approach to Storage and Retrieval of XML Documents Using Relational Databases", XP-001143686, ACM Transactions on Internet Technology (2001), Pages 110-141.   |                |
|                    |                       | ZEMKE, FRED, "XMLQuery," Change Proposal, ISO/IEC JTC1/SC32 WG3:SIA-nnn ANSI NCITS H2-2004-021rd, March 14, 2004, 29 pages.   |                |
|                    |                       | ZHANG, HUI et al., "XQuery rewriting at the relational algebra level," Computer Systems Science and Engineering, Vol. 18, No. 5, September 2003, IEEE XP-009056809, pp. 241-262.  |                |
|                    |                       | ZHANG, WANSONG, et al., "An Encoding Scheme for Indexing XML Data," E-Commerce and E-Service, 2004, XP-010697639, pages 526-529.  |                |

Examiner  
Signature

/Jay Morrison/

Date  
Considered

03/08/2010

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Customer Ref. No.